

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10916	((428/690,917) or (313/504,506) or (257/E51.041,E51.043,E51.044)).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/18 07:46
L2	3964	(428/212).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/18 07:46
L3	1812	super adj lattice	US-PGPUB; USPAT	OR	ON	2010/05/18 07:46
L4	10	1 and 3	US-PGPUB; USPAT	OR	ON	2010/05/18 07:47
L5	560	2 and (electrolumines\$5 or lumines\$5 or (light with (emit\$5 or emiss\$5)))	US-PGPUB; USPAT	OR	ON	2010/05/18 07:47
L6	4297	(band adj gap) same alternat\$	US-PGPUB; USPAT	OR	ON	2010/05/18 07:47
L7	3	5 and 6	US-PGPUB; USPAT	OR	ON	2010/05/18 07:47
L8	1230	(band adj gap) same (alternate or alternated or alternating)	US-PGPUB; USPAT	OR	ON	2010/05/18 07:48
L9	3	2 and 8	US-PGPUB; USPAT	OR	ON	2010/05/18 07:48
L10	25	1 and 8	US-PGPUB; USPAT	OR	ON	2010/05/18 07:48
L11	47159	(lumines\$5 or (light with (emit\$5 or emiss\$5))) same (stack\$3 or multi or multilayer \$3)	US-PGPUB; USPAT	OR	ON	2010/05/18 07:48

L12	2179	(chelate\$5 or complex\$5 or coordinate\$5 or organometal\$5 or ligand) same 11	US-PGPUB; USPAT	OR	ON	2010/05/18 07:49
L13	451	1 and 12	US-PGPUB; USPAT	OR	ON	2010/05/18 07:49
L14	19408	(chelate\$5 or complex\$5 or coordinate\$5 or organometal\$5 or ligand) same ((rare adj earth) or lanthanide or lanthanoid)	US-PGPUB; USPAT	OR	ON	2010/05/18 07:49
L15	110	13 and 14	US-PGPUB; USPAT	OR	ON	2010/05/18 07:49
L16	51	5 and 14	US-PGPUB; USPAT	OR	ON	2010/05/18 07:50
L17	49	16 not 15	US-PGPUB; USPAT	OR	ON	2010/05/18 07:50
L18	14	3 and 14	US-PGPUB; USPAT	OR	ON	2010/05/18 07:50
L19	33	8 and 14	US-PGPUB; USPAT	OR	ON	2010/05/18 07:51
L20	33	19 not (15 or 16 or 18)	US-PGPUB; USPAT	OR	ON	2010/05/18 07:51
L21	21305	quantum adj well	US-PGPUB; USPAT	OR	ON	2010/05/18 07:51
L22	165	14 and 21	US-PGPUB; USPAT	OR	ON	2010/05/18 07:52
L23	148	22 not (15 or 16 or 18 or 19)	US-PGPUB; USPAT	OR	ON	2010/05/18 07:52
L24	186	12 and 21	US-PGPUB; USPAT	OR	ON	2010/05/18 07:53
L25	183	24 not (15 or 16 or 18 or 19 or 22)	US-PGPUB; USPAT	OR	ON	2010/05/18 07:53

L26	13	5 and 21	US- PGPUB; USPAT	OR	ON	2010/05/18 07:53
L27	101	1 and 21	US- PGPUB; USPAT	OR	ON	2010/05/18 07:54
L28	79	27 not (15 or 16 or 18 or 19 or 22 or 24 or 26)	US- PGPUB; USPAT	OR	ON	2010/05/18 07:55
L29	333	13 not (15 or 16 or 18 or 19 or 22 or 24 or 26 or 27)	US- PGPUB; USPAT	OR	ON	2010/05/18 07:55
L30	6600	1 and (chelate\$5 or complex\$5 or coordinat\$5 or organometal\$5 or ligand)	US- PGPUB; USPAT	OR	ON	2010/05/18 07:56
L31	1863	30 and (eu or europium or tb or terbium or dy or dysprosium or gd or gadolinium)	US- PGPUB; USPAT	OR	ON	2010/05/18 07:56
L32	1682	31 not (13 or 16 or 18 or 19 or 22 or 24 or 26 or 27)	US- PGPUB; USPAT	OR	ON	2010/05/18 07:57
L33	353	32 and (band adj gap)	US- PGPUB; USPAT	OR	ON	2010/05/18 07:57
L34	459	32 and (homo or (highest adj occupied))	US- PGPUB; USPAT	OR	ON	2010/05/18 07:58
L35	3	32 and lomo	US- PGPUB; USPAT	OR	ON	2010/05/18 07:59
L36	2	32 and (lowest adj occupied)	US- PGPUB; USPAT	OR	ON	2010/05/18 07:59
L37	383	32 and lumo	US- PGPUB; USPAT	OR	ON	2010/05/18 07:59
L38	417	32 and (lumo or (lowest adj unoccupied))	US- PGPUB; USPAT	OR	ON	2010/05/18 07:59
L39	393	34 and 38	US- PGPUB; USPAT	OR	ON	2010/05/18 08:00

L40	0	39 and (eu same (tmhd or dbm) same opnp)	US-PGPUB; USPAT	OR	ON	2010/05/18 08:00
L41	0	39 and (gd same dbm same phen)	US-PGPUB; USPAT	OR	ON	2010/05/18 08:00
L42	0	(34 or 38) and (eu same (tmhd or dbm) same opnp)	US-PGPUB; USPAT	OR	ON	2010/05/18 08:01
L43	1	(34 or 38) and (gd same dbm same phen)	US-PGPUB; USPAT	OR	ON	2010/05/18 08:01
L44	1	gd same dbm same phen	US-PGPUB; USPAT	OR	ON	2010/05/18 08:01
L45	1	eu same (tmhd or dbm) same opnp	US-PGPUB; USPAT	OR	ON	2010/05/18 08:01
L46	59	phen with phenanthrene	US-PGPUB; USPAT	OR	ON	2010/05/18 08:01
L47	832	phen with phenanthroline	US-PGPUB; USPAT	OR	ON	2010/05/18 08:02
L48	13	phen near5 phenanthrene	US-PGPUB; USPAT	OR	ON	2010/05/18 08:02
L49	625	phen near5 phenanthroline	US-PGPUB; USPAT	OR	ON	2010/05/18 08:02
L50	20	31 and 49	US-PGPUB; USPAT	OR	ON	2010/05/18 08:02
L51	5	46 and (gd or gadolinium)	US-PGPUB; USPAT	OR	ON	2010/05/18 08:02
L52	54	47 and (gd or gadolinium)	US-PGPUB; USPAT	OR	ON	2010/05/18 08:03

5/ 18/ 2010 8:08:58 AM

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